

AGRICULTURAL.

A BORER UNDER WATER.

Many of our young readers may have seen the work of the borer, or worm which bites its way into trees, a nibble at a time, leaving sawdust behind it. These insects are very destructive to apple and peach orchards; pine and other trees also suffer from their attack. With sharp eyes you may find them, perhaps, at work in your neighborhood. A similar class of creatures live in the waters of the ocean. The teredo or ship borer, is a small shell-fish. That has the best kind of an apparatus for boring wood, which it uses very effectually. A ship's bottom, unprotected by metal, would soon be pierced by millions of holes made by these minute workers. They attack piles driven to form wharves, etc., and in a few weeks a stout stick of timber may be dangerously weakened. In February, 1861, a great inundation occurred in Holland, caused by the breaking of the embankments which prevented the overflow of the sea; villages were destroyed, many lives were lost, and nearly 40,000 acres of land were flooded.

It is believed by good authorities that the piles which gave strength to the embankment had been so weakened by the teredo as to give way under the great pressure of a high tide. Where it is needed, protection is given against these borers by sheathing the wood with metal, *riveting* it—that is, filling the pores of the wood with some substance poisonous to the teredo. It is stated by a gentleman, in the "Adelphi Academy Record," that "previous to some thirty years since, the augers in general use for boring the holes to receive the fastenings of vessels were so made that, in using, it was necessary to frequently draw them out to remove the borings, and this made nearly one-third of the work." About that time a distinguished Naval Officer invented the auger now in general use, which continuously delivers the borings from the orifice. Upon examination of the boring apparatus of the teredo, this gentleman was surprised to find it similarly constructed! One more interesting fact concerning the teredo and we leave it. The creature not only works through the hardest wood, but lines the little tube it leaves with a beautiful casing of fretful shell work, extending to the length of one to two feet.

ORCHARD AND NURSERY.

As the severity of the weather moderates, the knife may be used in shaping—

YOUNG TREES.—Cut them back to secure a stocky growth, and a well balanced form. Do not cut so close to a bud as to endanger it, nor so far above as to leave a stub.

PRUNING.—There are many who are obliged to do it now; select a time when the wood is not frozen. Old trees and young ones may have a wash of soft soap, mixed with water enough to apply with a brush.—If there is much loose bark, or great accumulation of moss, a blunt scraper may be used. Some are made for this use. Every cluster of Caterpillar's eggs removed now is clear gain.

Cions are to be cut on mild days, and kept in saw-dust or moss until wanted. Earth or sand will keep them as well, but they are less pleasant to use than when preserved in moss or saw-dust. Cions are readily sent by mail, tie them in a bundle, wrap in oiled silk, and over all put a stout brown paper, and tie securely. Mark "cuttings only," and put no writing in the package. Postage is two cents for 4 oz.

Grafting should be deferred until the buds of the stock begin to swell—which they will do this month in some parts of the South. Root grafting ought to be finished up, and the grafted roots ready to set out.

Manure may be spread in the orchard wherever the ground is not frozen.—American Agriculturalist.

FALL PLOWING TO KILL GRUBS.—H. E. H. writes, "I am turning over a heavy sod (in December), to kill brub-worms, so that they will not destroy my corn, next June. Will I accomplish the object? Is fall plowing ever an injury to the soil?" You will probably disturb and kill a good many grubs-worms. Your corn will not be so healthy as if plowed in the spring. And the fall plowing will have done nothing but good. A very light sandy soil naturally dry and warm is not benefited by fall plowing—for the frosts and weathering cause the organic matter in it to decompose rapidly, and these are essential to its integrity, but all loamy and clayey soils, or those rich in organic matter, and most gravelly soils are decidedly benefited by fall plowing, if it be not done when the ground is wet, and even this is much less injurious than plowing wet soil in spring.

A CEMENT FOR CELAR FLOORS.—A correspondent of the American Farmer writes that persons wishing to line their celars, and who do not wish to go to the expense of buying cement, can take coal ashes and mix with water to the thickness of mortar. This can be put on about four inches thick, after which let it lay twenty-four hours, then stamp it with a heavy block of wood three or four times a day, until it is perfectly hard. It is better than cement, as it will not crack or scale off, and the lumps or cinders contained in the ashes do no harm.

MILK LEG.—W., in the Rural American gives this method: "In reply to a question in regard to curing a mare with big, or milk leg, the best thing I have ever seen tried is the root of gentian. Boil it to a good strong tea, feed from a quart to a half gallon per day in corn meal or wheat bran, and bathe the legs well with the tea twice a day, rubbing them down well."

To prevent a horse throwing the tongue over the bit and letting it hang out, a correspondent of the Rural New Yorker recommends using a straight bit with the upper side roughened with a cold chisel. Another advises the use of a straight bit with a piece of sole leather riveted to the centre, so as to run back from the bit an inch or two.

ITCH IN HORSES.—A correspondent asks what is good for the itch in horses. The best thing we know is sulphur ointment. Take one pound flour of sulphur and mix it with some lard, and apply, rubbing it thoroughly in. It is easily tried and usually effects a cure.

NEW RESTAURANT,

In Shive's Building, on Main Street.
WM. GILMORE,
Informs the citizens of Bloomsburg and vicinity that he has opened a new

RESTAURANT,
in this place, where he invites his old friends and customers to call and partake of his refreshments.—It is his intention to keep the best.

LAGER BEER AND ALE,
constantly on hand; also Porter, Saraparilla, Min. Beer, Water, Lemonade, Raspberry and Lem. Syrup, can also be had here. The Restaurant.

In the eating line he presents a

BILL OF FARE,
not surpassed in this place, via, Pickled Oysters, Clams, Pimientos, Fish, Barbecued Chicken, Pickled Turnip, and Beef Tongue, &c., &c. He also has a good article of

Cigars and Chewing Tobacco
for his customers. Give him a call.

Bloomsburg, June 13, 1861.

GRAT BARGAINS

in all kinds of

Merchandise,

Such as

DRY GOODS,

GROCERIES,

QUEENSWARE,

HARDWARE,

Boots and Shoes, Hats, Caps,

and Nations in every variety.

Our business from the first of January, will be conducted on a strictly

CASH SYSTEM,

and persons wishing to purchase anything in our line can do so at a very small percentage on

Current Wholesale Prices.

All kinds of produce and grain taken in exchange.

We cordially invite the public to

GIVE US A CALL,

and a share of their patronage.

MINNICH & SHUMAN,

Catawissa, January 2, 1861.

LUMBER ! LUMBER ! !

The Bloomsburg Lumber Company

would respectfully inform the public that they have

PLANING MILL

now in operation with an extensive assortment of

WOOD EXPELLEZ,

and are prepared to supply all orders at short notice and at the lowest prices for cash. Their as

sortment of lumber consists of

White Pine Plank Boards,

Siding, Hemlock Plank,

lumber, shingles, etc., to suit all purposes. Their Planing Mill

is located in the Railroad Depot.

For further information apply to

GROUNDS, GENERAL AGENTS,

Philadelphia, New York, Boston, etc.

Or to

F. C. EVER, Sec'y.

Bloomsburg, Pa., Sept. 13, 1861.

MANHOOD :

How Lost, How Restored.

Just Published, a new edition of

Dr. CULVERWELL'S Celebrated Papers on the radical and conservative operation of the human system, Mental and Physical Incapacity, Impediments to Marriage, etc., also Consumption, Epilepsy, and fits induced by sexual indulgence or sexual excesses.

The author desires to inform the public and especially those who wish to purchase full stuff that they have one more specially prepared to cut binders of almost full size, and will be sent to any person who applies for it.

This will be sold at a full price, and will be sent to any binder or contractor for binding, can save money by giving us a call.

The author would also announce that they are prepared to sell half and of repairing Machinery, such as Threshing Machines, Mowers, Reapers and all kinds of agricultural implements, upon reasonable terms.

Address,

Bloomsburg, Sept. 13, 1861.

EXCELSIOR:

Just published, a new edition of

Dr. C. W. HARRIS' Explanatory Papers on the rail road, steamship, telegraph, etc., etc.

These papers are intended for the use of engineers, mechanics, inventors, and others.

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